

Expertise

Expert Opinion of the Notified Body on the Conformity Assessment according to Article 10.5 of R&TTE Directive 1999/5/EC

PHOENIX TESTLAB

EU Identification Number 0700

Bundesnetzagentur

Recognised by

BNetzA-bS-02/51-55

Expertise No. 09-111135

Certificate Holder SHENZHEN TENDA TECHNOLOGY CO., LTD

Address Room 601-602, R/D Building Complex, Tsinghua

High-Tech Park, Nanshan District, Shenzhen,

P.R.China

Product Description Wireless-N Broadband Router

Brand Name / Model Name TENDA / W330R

Frequency Range 2.412 – 2.472 GHz

Transmitted Power 17.5 dBm (EIRP)

Opinion on the Essential Requirements

Article 3.1a): Health and Safety No remarks

Article 3.1b): Electromagnetic Compatibility No remarks

Article 3.2: Effective Use of the Radio Spectrum No remarks

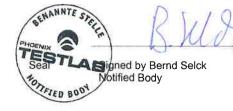
CE-marking

Marking Example (Class 2) (€ 0700 ①

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dated 9th March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 14 May 2009

Place, Date of Issue



Phone +49(0)5235-9500-24 Fax +49(0)5235-9500-28 notifiedbody@phoenix-testlab.de PHOENIX TESTLAB GmbH Königswinkel 10 D-32825 Blomberg, Germany www.phoenix-testlab.de

Date

Technical Construction File (TCF):

Description

User Manual:

Wireless-N Broadband Router W330R, 46 pages, --

Operational Description:

Product Specification W330R, Ver 2.1, 6 pages, --

Manufacturing Documents

Block Diagram:

W330R Block Schematics.pdf, Rev 1.0, 15 pages, October 22, 2008

Circuit Diagram:

W330R_Block_Schematics.pdf, Rev 1.0, 15 pages, October 22, 2008

Parts Placement:

W330R PCB layout placement, 3 pages, Jan 17 2009

PCB-Layout:

W330R_PCB_layout_placement, 3 pages, Jan 17 2009

Parts List:

W330R BOM.pdf, 10 pages, 2008 8 25

Hardware Version:

V1.0

Software Version:

0.1

Applied Standards and Test Reports

Specification	Laboratory	Test Report Number
EN 60950-1:2001+A11:2004	Morlab	SZ08120103A02
EN 301 489-1 V1.8.1:2008 EN 301 489-17 V1.3.2:2008	Morlab	SZ08120103E07
(EN 55022:1998+A1:2000+A2:2003 EN 55024:1998+A1:2001+A2:2003)		
EN 300 328 V1.7.1:2006	Morlab	SZ08120103E08
EN 60950-1:2006	Nemko Hong Kong	100728

Further Documents

List of Standards applied, 1 page, --

MPE Calculation, 1 page, --

Attestation of Conformity Nemko, 2 pages, 11 March 2008



Opinion on the Essential Requirements:

The basis of this Expertise is the Technical Construction File (TCF). If the TCF includes test reports issued by laboratories accredited to the standard ISO/IEC 17025, the test results of these reports are considered as a basis for the conformity assessment of the Notified Body.

Article 3.1a): Health and Safety:

Conform

Article 3.1b): Electromagnetic Compatibility:

Conform

Article 3.2: Effective Use of the Radio Spectrum:

Conform

General Remarks:

- Before putting a product on the market which uses non harmonised frequencies (Class 2) the national authorities of the member states have to be notified.
- This conformity assessment is limited to the essential requirements of the R&TTE Directive.
 Only products fulfilling all essential requirements of all applicable new approach directives may be placed on the market and put into service.
 Products in compliance with all provisions of the applicable directives providing for the CE marking must bear this marking.

